

Fig. 1

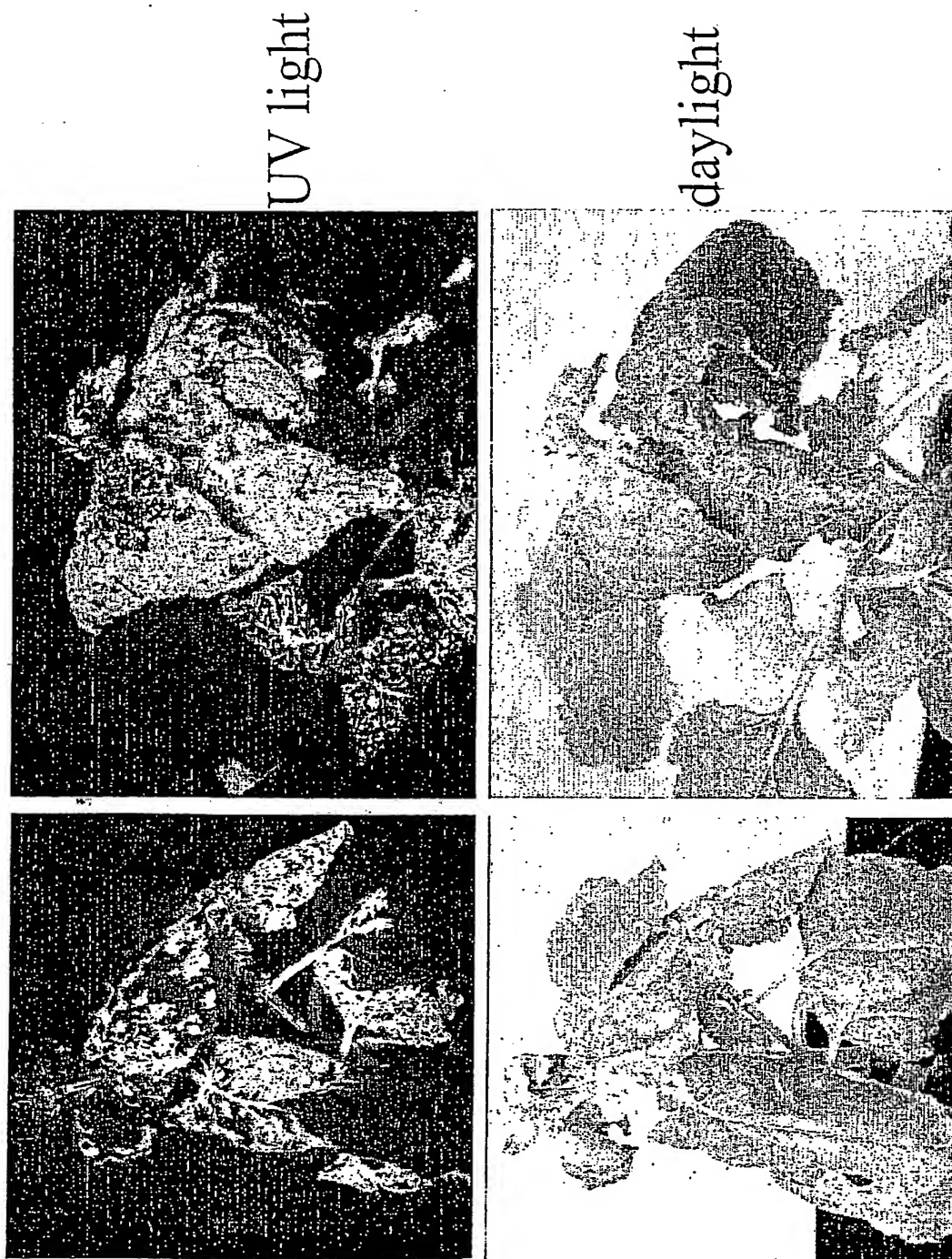


Fig. 2

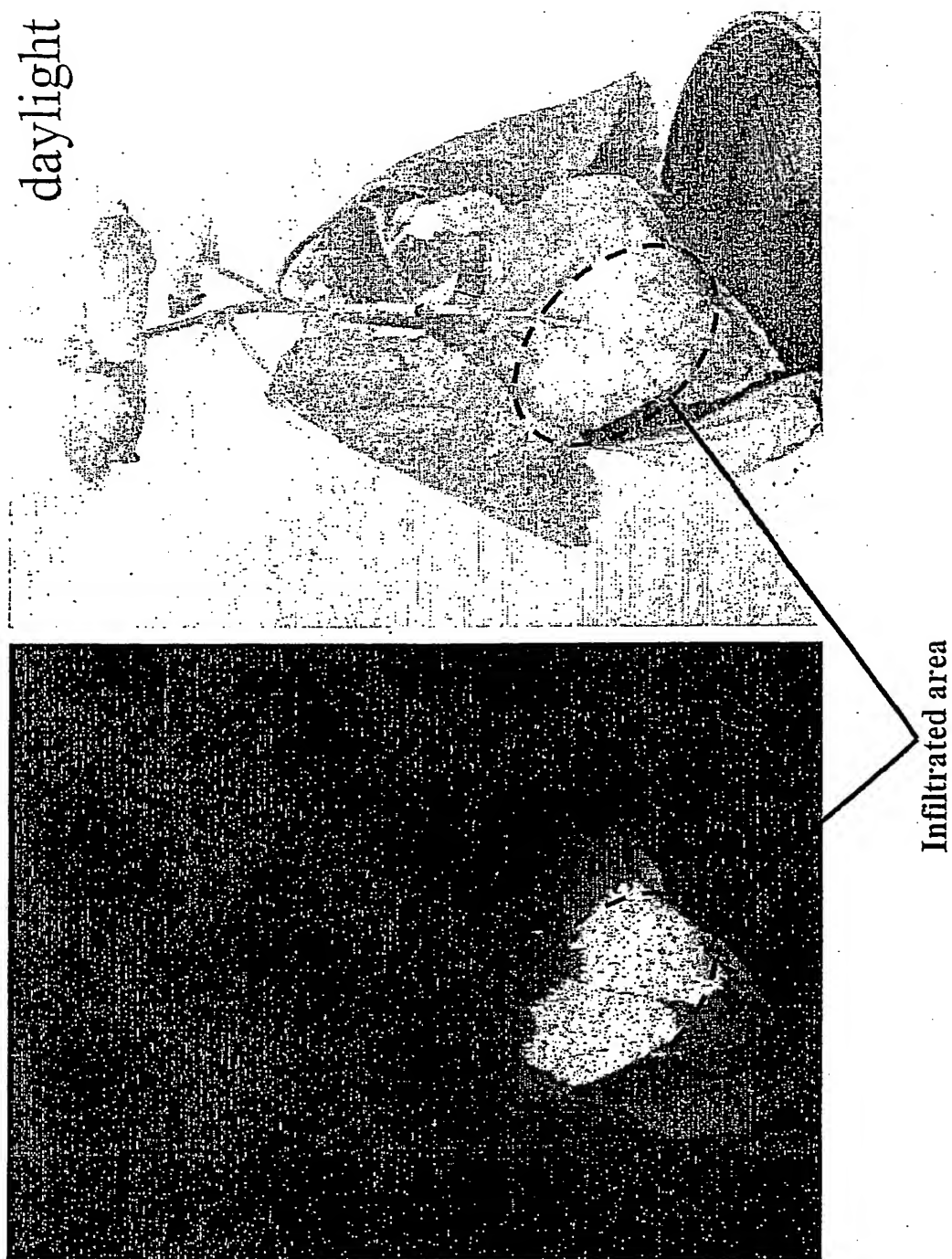


Fig. 3

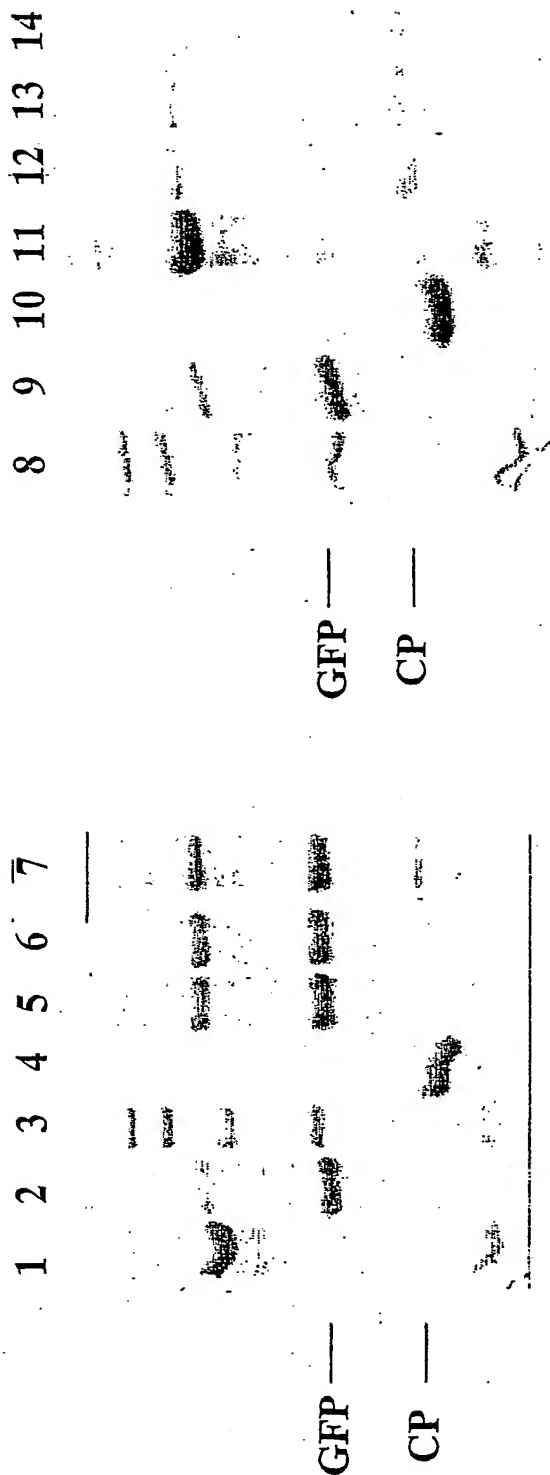
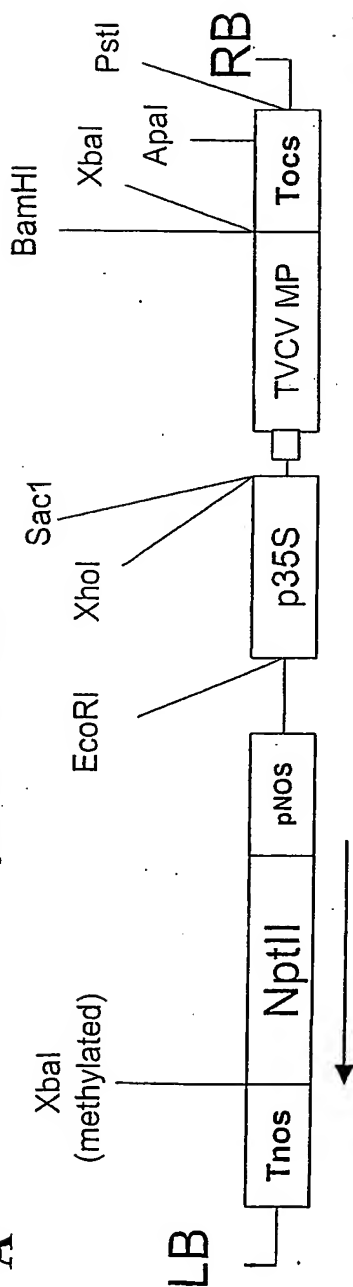


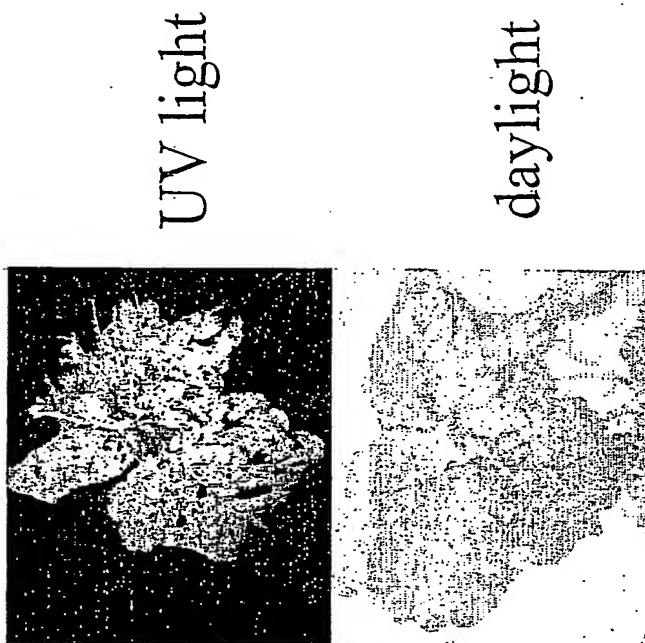
Fig. 4

pICH10745

A



B



pICH8543 +
pICH16684+pICH10745

Fig. 5

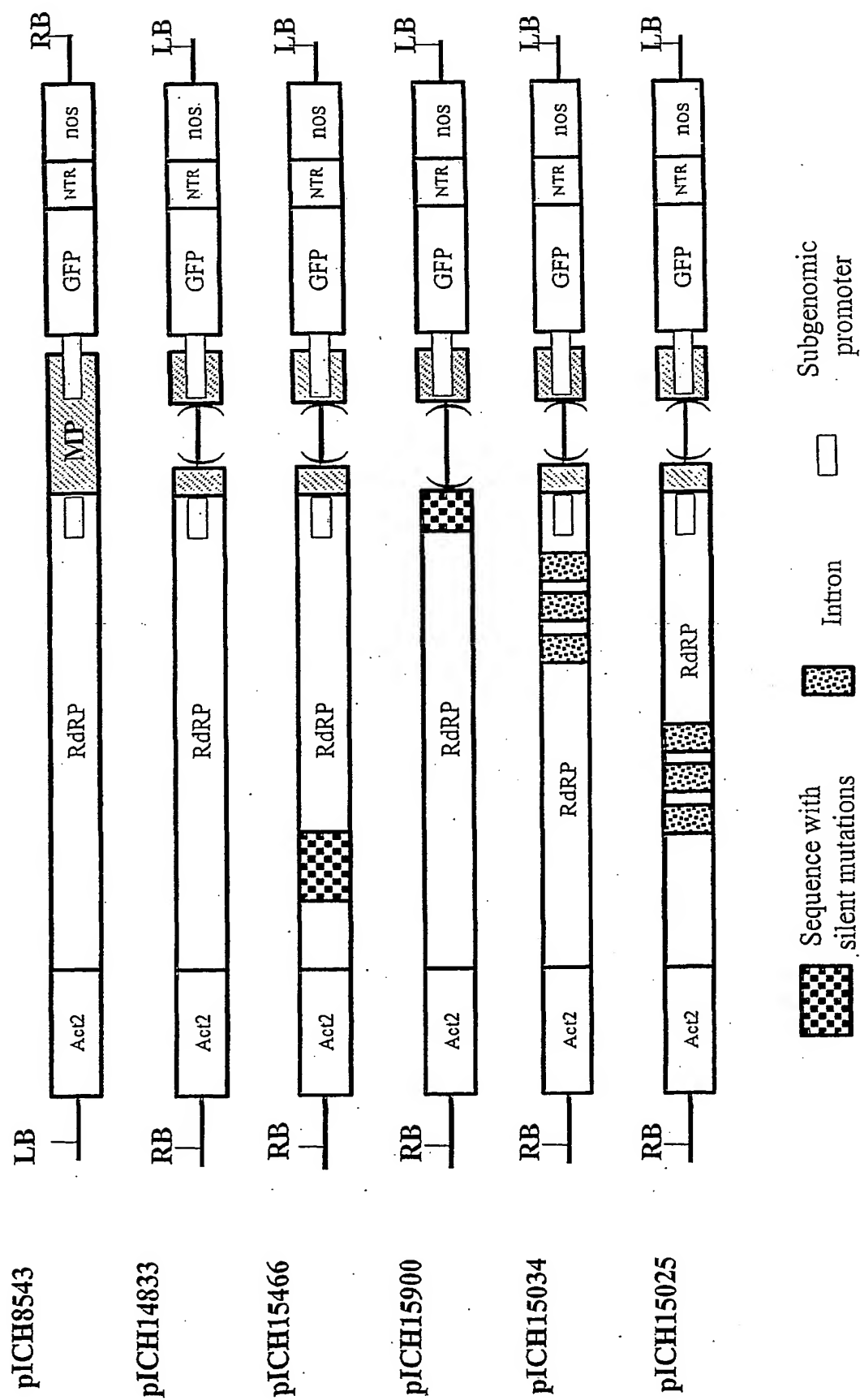


Fig. 6A

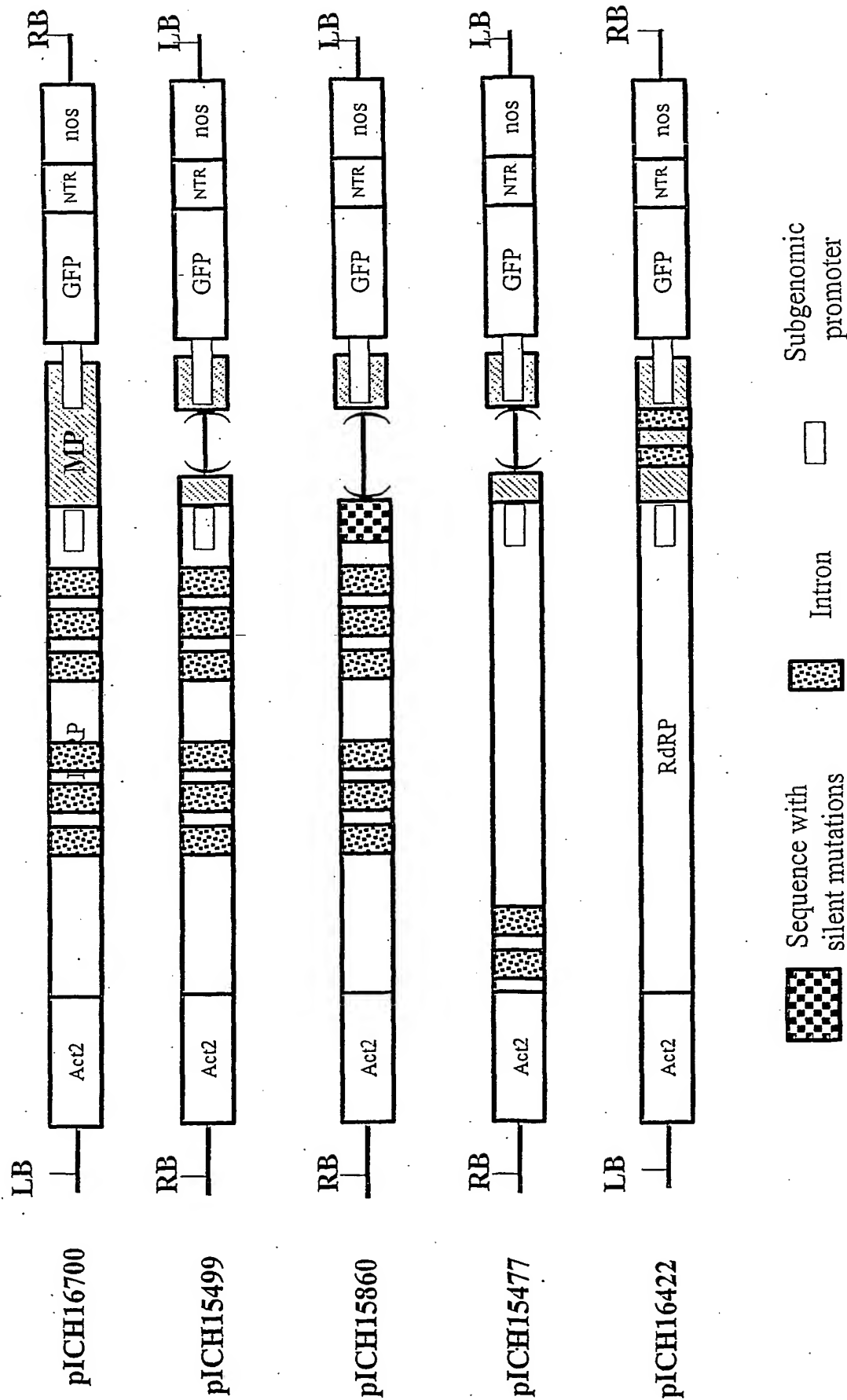
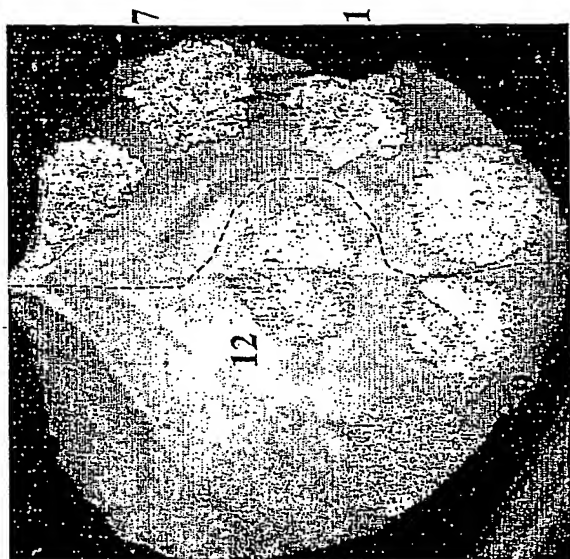
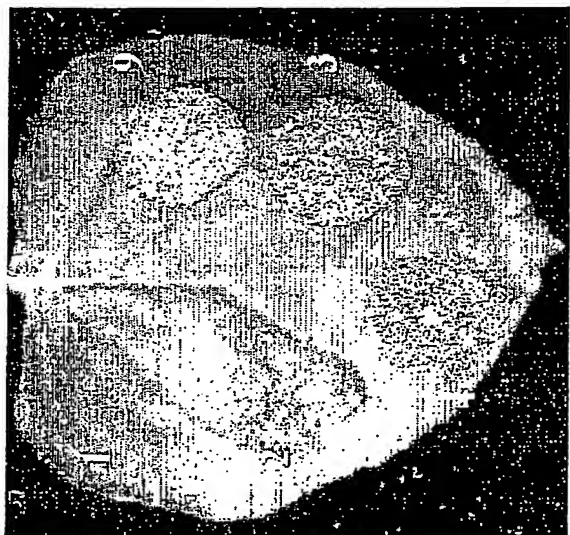
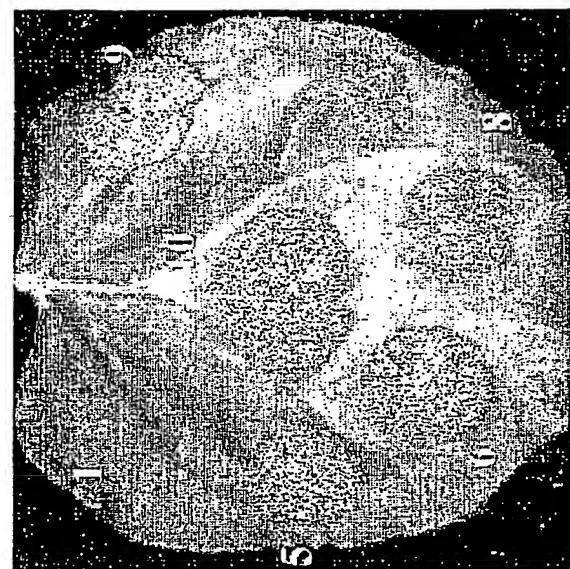


Fig. 6B

+ MP



- MP



| | | | |
|----------|---------------|-----------|--------------------|
| 1. 14833 | 0 intron | 7. 15477 | 2 introns |
| 2. 15011 | 0 intron | 8. 15488 | 1 intron |
| 3. 15041 | 1 intron | 9. 15900 | 0 intron no mp sgp |
| 4. 15466 | 0 intron | 10. 15499 | 6 introns |
| 5. 15025 | 3 introns | 11. 15755 | 3 introns |
| 6. 15034 | 3 introns | 12. 15661 | 3 introns |
| | | | |
| | no mp sgp | | |
| | - cryp int. 1 | | |

Fig. 7A



-MP

+MP

| | | | |
|----------|---------------|-----------|--------------------|
| 1. 14833 | 0 intron | 7. 15477 | 2 introns |
| 2. 15011 | 0 intron | 8. 15488 | 1 intron |
| 3. 15041 | 1 intron | 9. 15900 | 0 intron no mp sgp |
| 4. 15466 | 0 intron | 10. 15499 | 6 introns |
| 5. 15025 | 3 introns | | |
| 6. 15034 | 3 introns | | |
| | no mp sgp | | |
| | - cryp int. 1 | | |

Fig. 7B

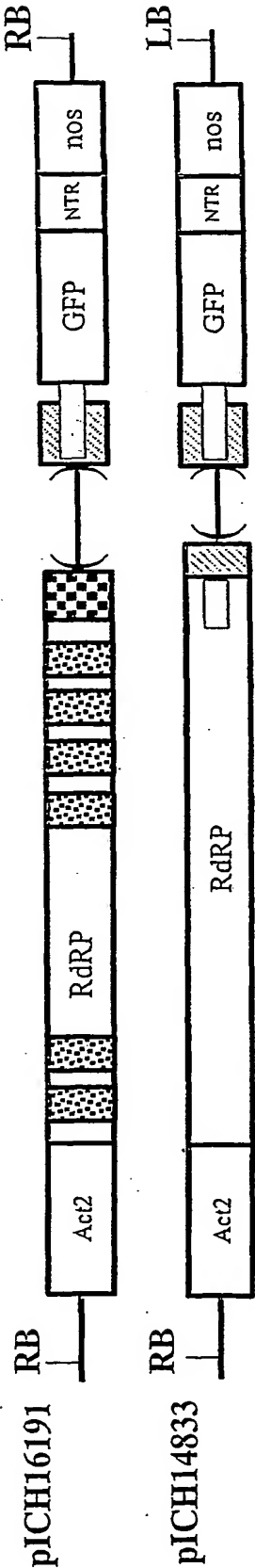
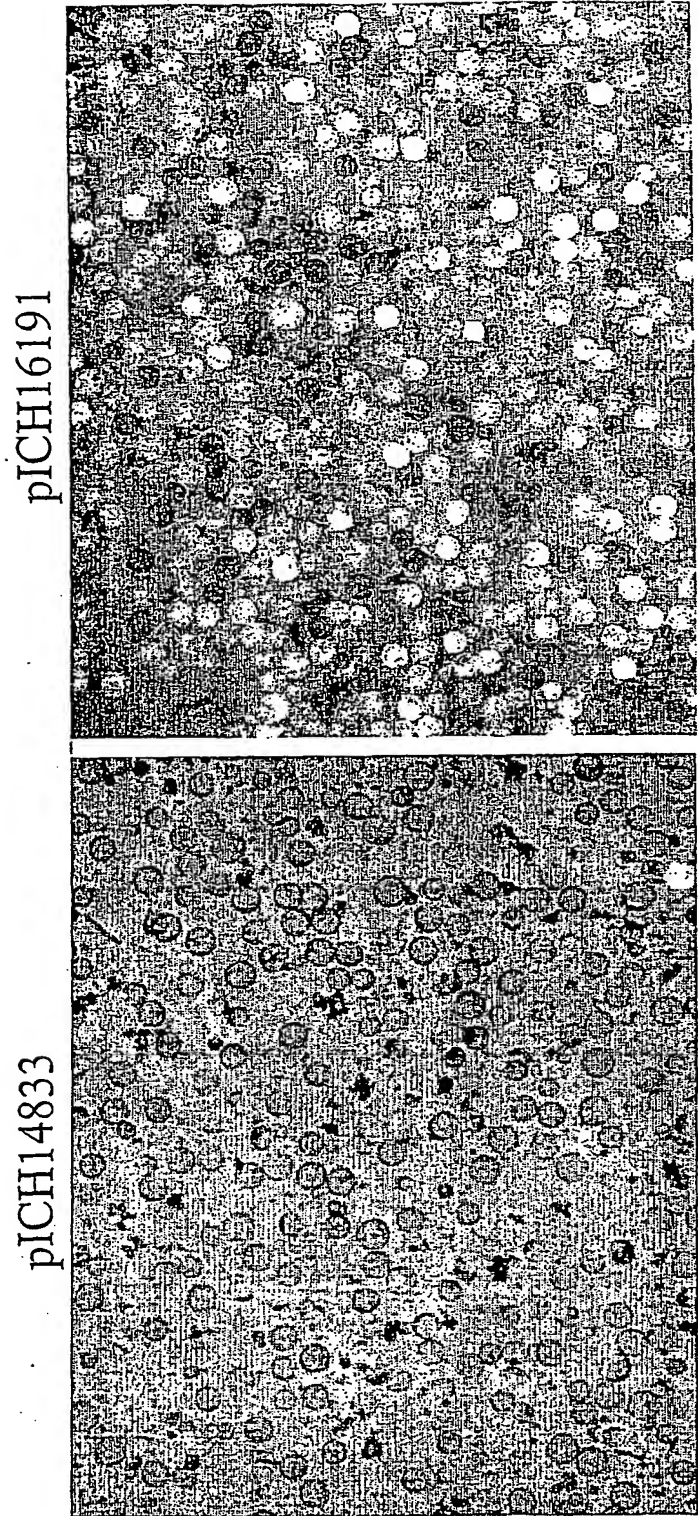


Fig. 7C

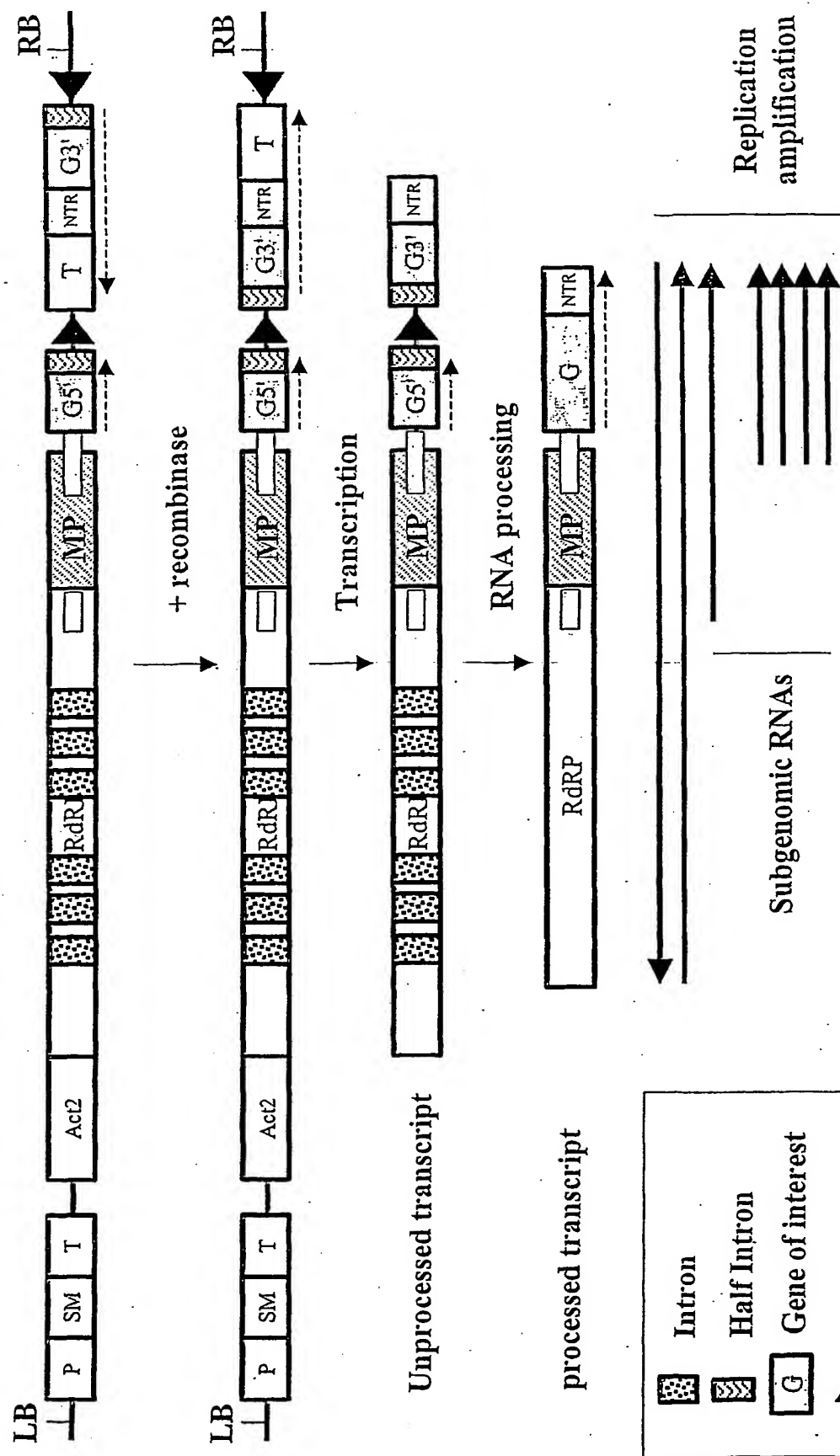
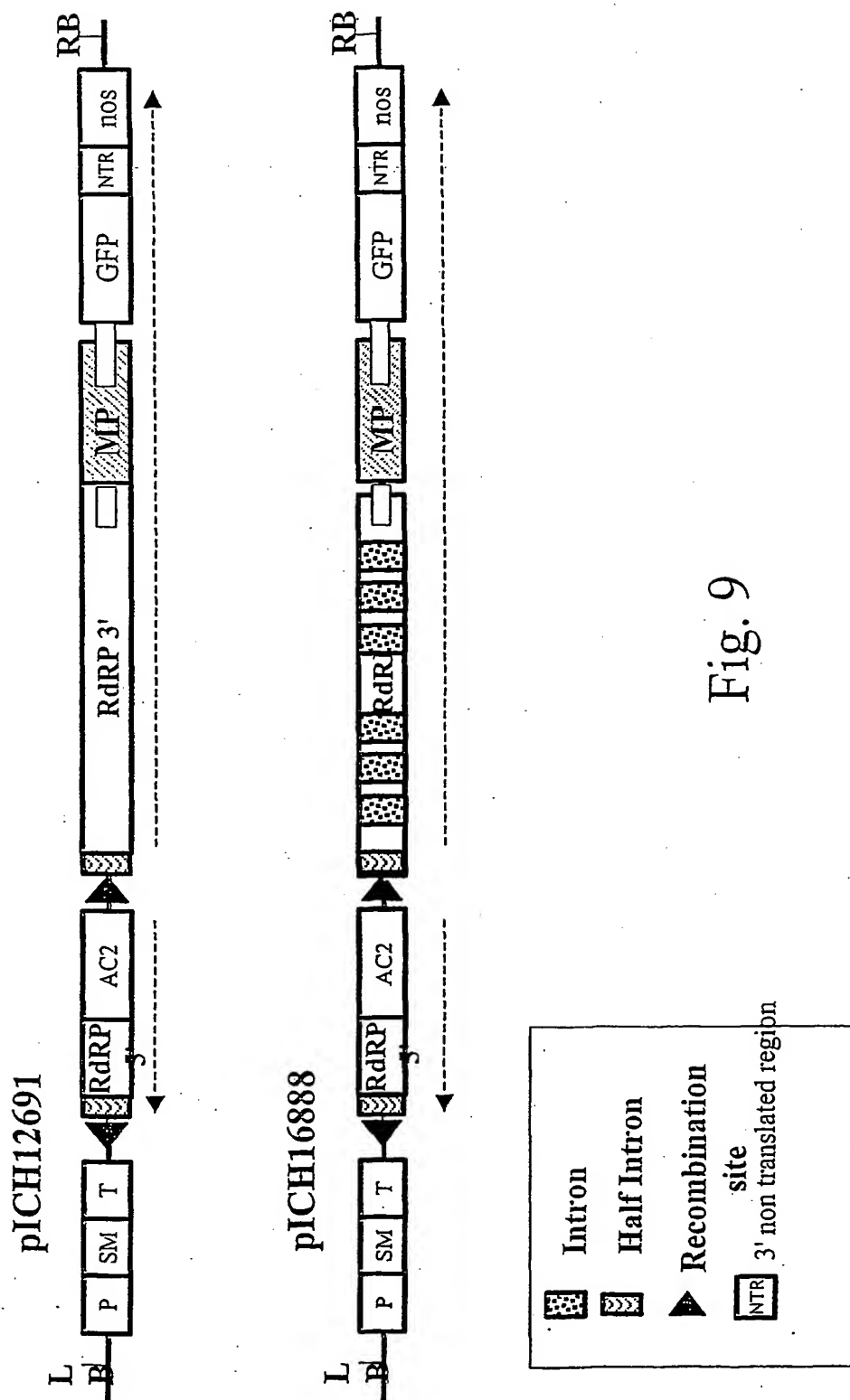


Fig. 8



pICH16888 transformants
infiltrated with pICH14313 providing integrase

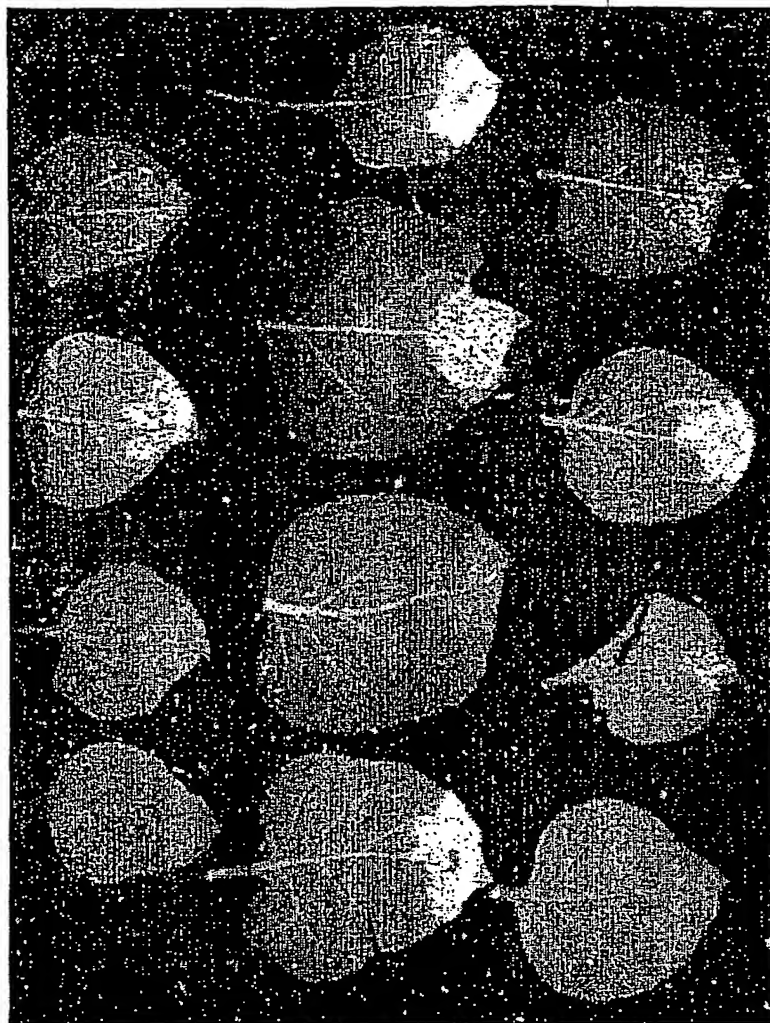
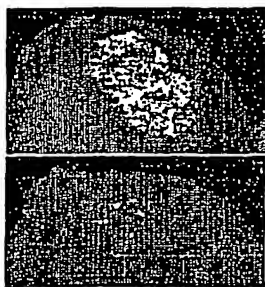


Fig. 10

pICH12691
transformants
infiltrated with pICH10881
providing integrase

Line 6 Line 10



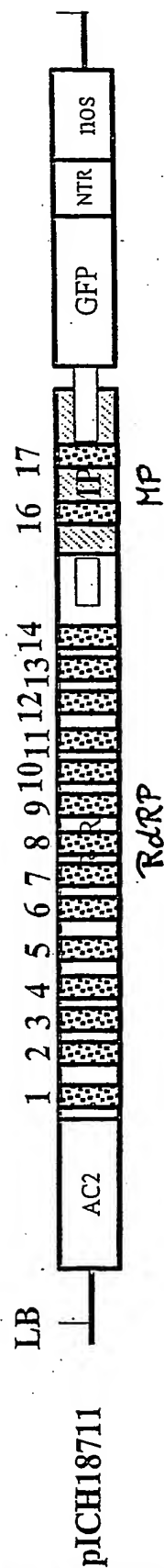
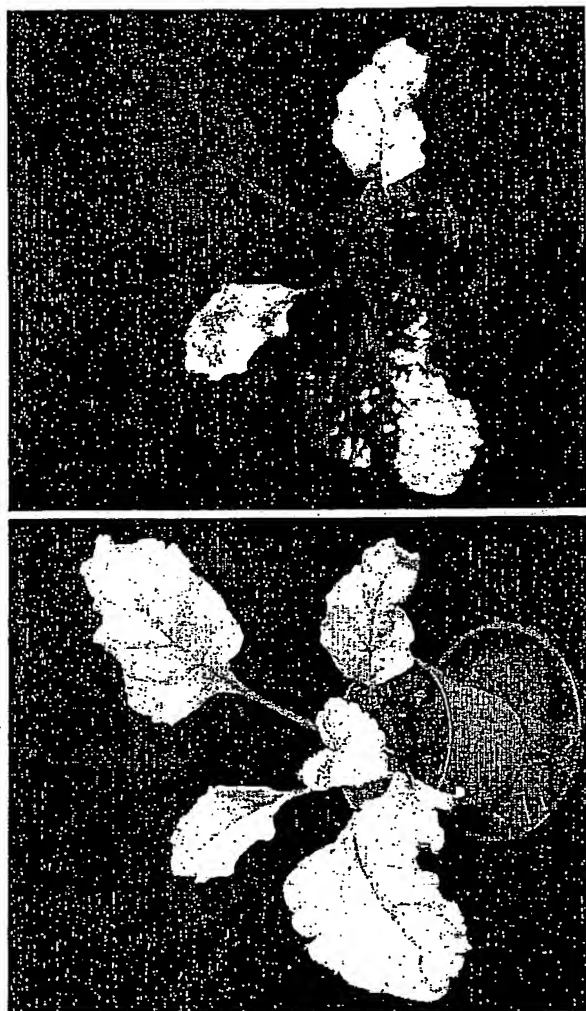


Fig. 11